

HARTBLEI

Shift & Tilt Superrotator - worlds first real digital lenses

Optics by
Carl Zeiss



HARTBLEI SHIFT&TILT

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Carl Zeiss



HARTBLEI Prototyp 2,8/80 TS

This Hartblei Prototype with optics by Carl Zeiss is a dream-come-true for fashion and people photographers. Despite the sensational sharpness at open aperture you can still create gorgeous blurs and softening. The Hollywood of the 40s is coming to life again. On the other hand, with closed aperture the lens becomes a razor-sharp tool for daily studio work, allowing full control over perspective and sharpness.

Users of full format cameras will achieve 183% of the originally available pixel size with a shift of 2x10mm horizontally. The resulting image angle will be comparable to a 61,5 mm lens (on 35mm). i.e, if you stitch two exposures as portrait formats, this will result in a usable picturesize of 44x36mm [at 4 mm overlapping], this gives you a picture diagonale of 56.8 mm opposing a 43.2 mm diagonale at 24/36 = Factor 1.3 ! With crop sensors and a chipsize of 1:1.5, the gain with a 3-time-exposure/stitch is about 250%

Technical Data:

Number of lenses: 7
Open Aperture: 1:2,8
Weight: ~ 795 Gramm
Filterdiameter: 72x0,75
Focal Lenght: 81,2 mm
Smallest Aperture: 22



HARTBLEI Prototyp Makro 4/120 TS

The Hartblei Prototype with optics by Carl Zeiss is an outstanding Shift and Tilt lens in a massive barrel and with exceptional image quality.

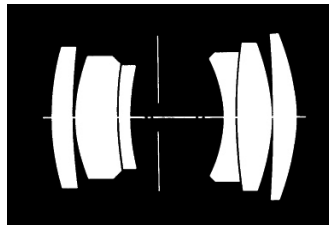
The slightly longer focal length results in a perfect distance to the subject, allowing studio photographers with full format chips to set the lights without problems.

The Hartblei Prototype Macro 4/120 TS is the specialist for close-ups with superior image quality, even at full aperture and scales of 1:20 to 1:1 (with intermediate rings). It is perfect for commercial and ad photography, analogue and digital, outdoor photography, industry and documentation.

The lens is based upon a construction that keeps the image quality on a high level across the whole frame, mostly independent of the scale or the distance to the object. This concept offers a high potential for close-ups.

Technical Data:

Number of lenses: 6
Open Aperture: 1:4
Weight: ~ 935 Gramm
Filterdiameter: 72x0,75
Focal Lenght: 120,9 mm
Smallest Aperture: 32



HARTBLEI Prototyp 4/40 IF TS

Hartblei exclusive Shift- and Tilt-lens with outstanding image quality. It was originally constructed for the 6 x 6 format, providing huge quality reserves for 35mm format.

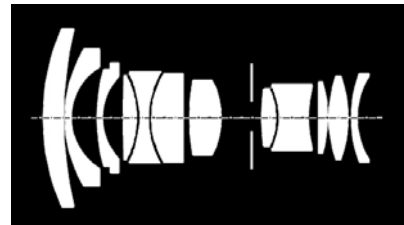
All Hartblei Shift- und Tilt-lenses are so called Superrotators, meaning that the Shift and Tilt functions can be used independently with 360 degrees rotation. With this lens you can almost substitute a view camera. You may achieve up to 8 degrees of tilt.

It uses inside focusing and automatic optimisation of correction for the whole area of focusing from infinity to the closeups limit.

Even with wide open aperture, the optical resolution is exceptionally high. Detail structures up to 200 line pairs/Millimeter would be possible if suitable chips would exist. The perfect lens for the demanding studio and architecture Photographer.

Technical Data:

Number of lenses: 12
Open Aperture: 1:4
Weight: ~ 1490 Gramm
Filterdiameter: 86x1,00
Focal Lenght: 40,8 mm
Smallest Aperture: 22



Your Hartblei Dealer

Available Camera Mounts:

Canon EF
Nikon F
Sony/Minolta
PentaxK
Leica R
Contax
M42 universal

